

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR022819\
 Data File : VR026421.D
 Acq On : 28 Feb 2019 16:17
 Operator : SY/MD
 Sample : K1588-14DL 5X
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AB2DL

Quant Time: Mar 01 07:01:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 01 06:30:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	499983	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	397587	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	127955	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	192275	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	2.62	69	164238	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	3.61	63	370711	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	6.58	46	235901	66.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.16%#
24) Chloroform-d	7.20	84	389764	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	7.89	65	167223	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	7.85	84	722980	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	8.89	67	194262	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	9.97	98	635317	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	10.23	79	43986	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	10.59	63	160707	63.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.44%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	72474	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	124518	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

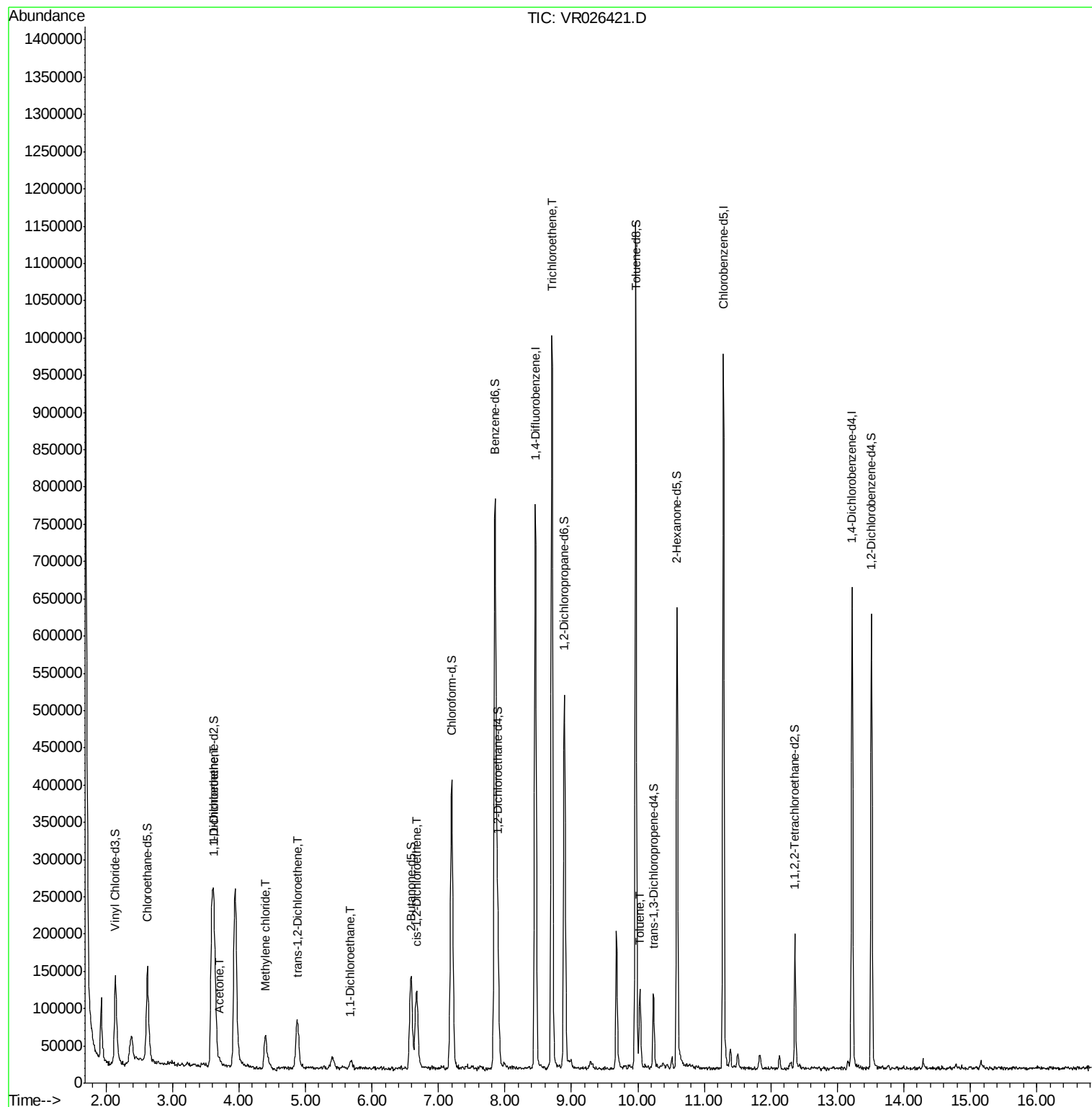
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.63	96	12085	0.277	ug/L #	1
13) Acetone	3.70	43	6269	1.952	ug/L	99
16) Methylene chloride	4.40	84	32380	0.848	ug/L	95
18) trans-1,2-Dichloroethene	4.88	96	34756	0.872	ug/L	89
19) 1,1-Dichloroethane	5.68	63	15932	0.218	ug/L	87
22) cis-1,2-Dichloroethene	6.67	96	53699	1.605	ug/L #	88
34) Trichloroethene	8.71	95	309882	8.062	ug/L	96
42) Toluene	10.03	91	59059	0.385	ug/L	90

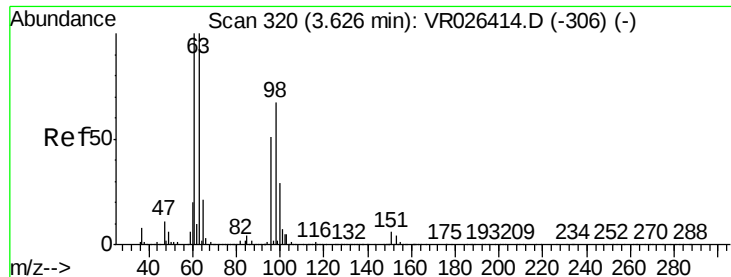
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 01 06:30:52 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.277 ug/L

RT: 3.63 min Scan# 320

Delta R.T. 0.00 min

Lab File: VR026421.D

Acq: 28 Feb 2019 16:17

Instrument :

MSVOA_R

ClientSampleId :

C0AB2DL

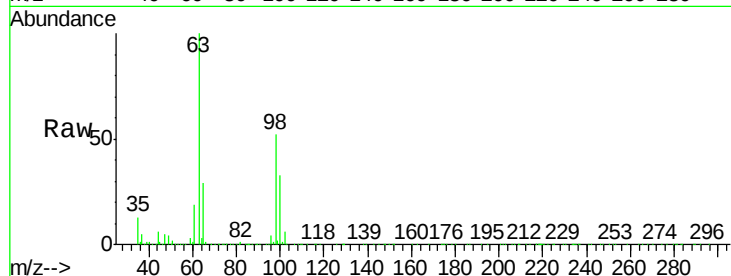
Tgt Ion: 96 Resp: 12085

Ion Ratio Lower Upper

96 100

61 445.9 135.9 252.5#

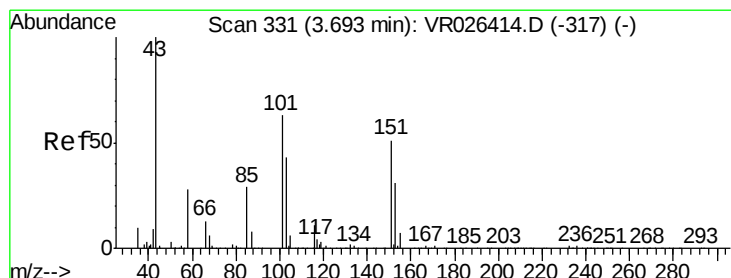
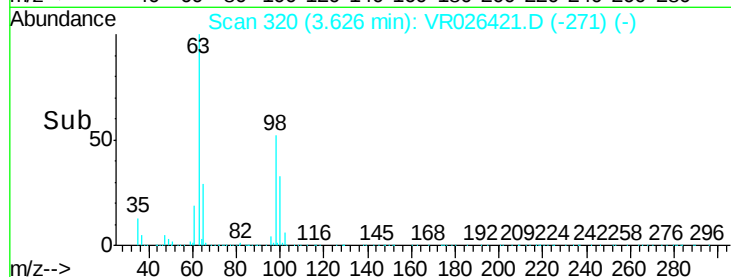
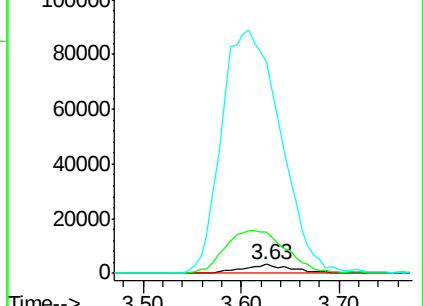
63 2302.7 136.6 253.6#



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 63.00 (62.70 to 63.70): VR0



#13

Acetone

Concen: 1.952 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.01 min

Lab File: VR026421.D

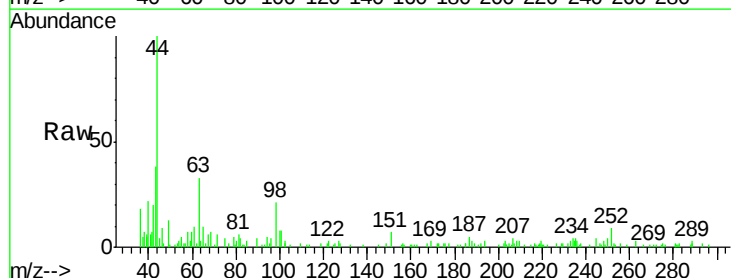
Acq: 28 Feb 2019 16:17

Tgt Ion: 43 Resp: 6269

Ion Ratio Lower Upper

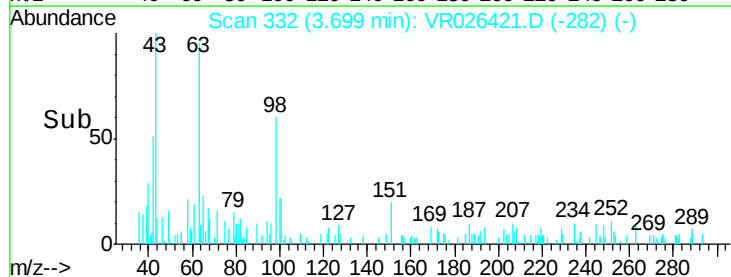
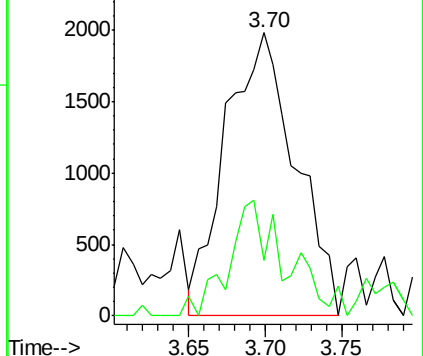
43 100

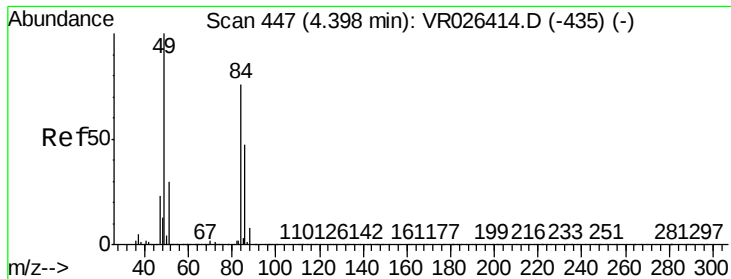
58 26.7 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

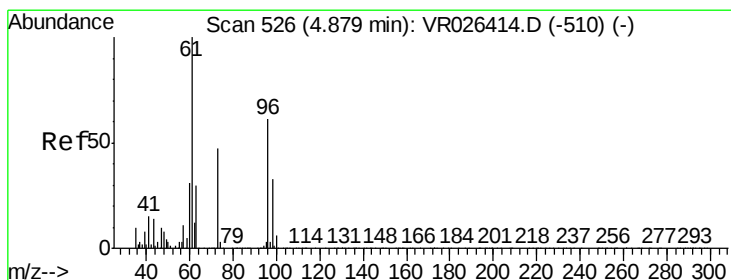
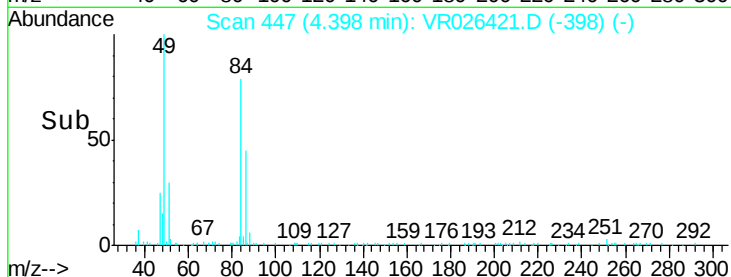
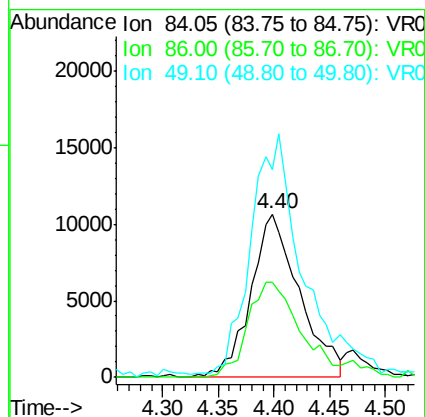
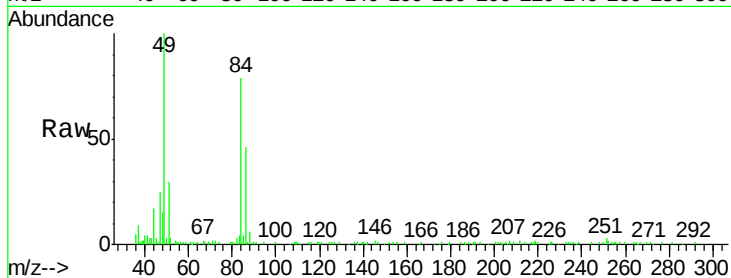




#16
Methylene chloride
Concen: 0.848 ug/L
RT: 4.40 min Scan# 447
Delta R.T. 0.00 min
Lab File: VR026421.D
Acq: 28 Feb 2019 16:17

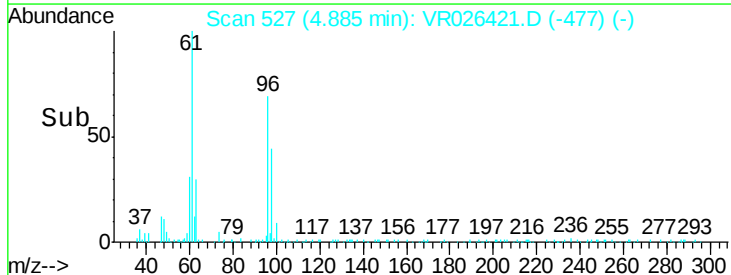
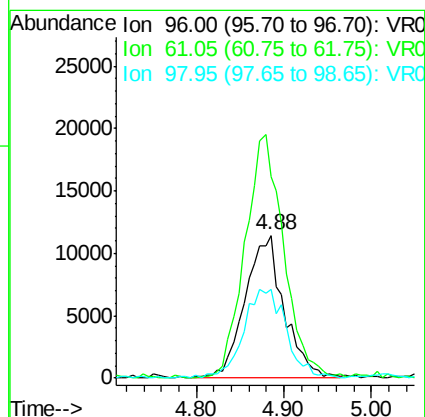
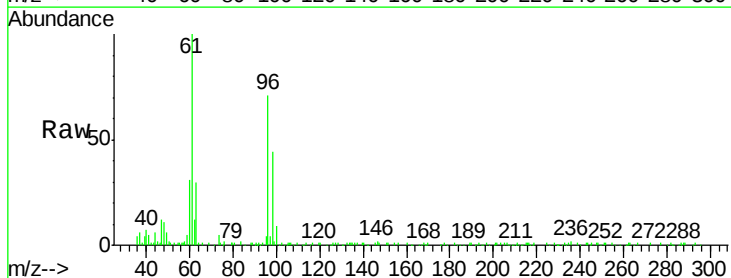
Instrument :
MSVOA_R
ClientSampleId :
C0AB2DL

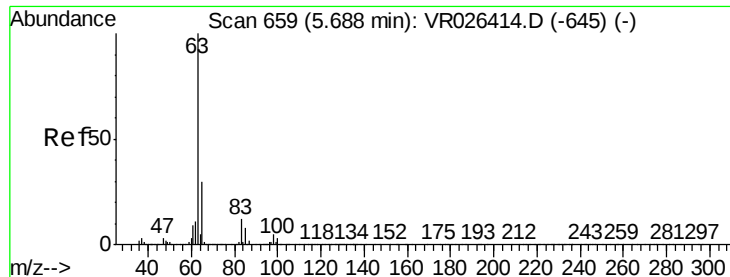
Tgt Ion: 84 Resp: 32380
Ion Ratio Lower Upper
84 100
86 58.2 42.1 78.3
49 127.2 93.8 174.2



#18
trans-1,2-Dichloroethene
Concen: 0.872 ug/L
RT: 4.88 min Scan# 527
Delta R.T. 0.01 min
Lab File: VR026421.D
Acq: 28 Feb 2019 16:17

Tgt Ion: 96 Resp: 34756
Ion Ratio Lower Upper
96 100
61 141.2 109.4 203.2
98 62.4 39.7 73.7





#19

1,1-Dichloroethane

Concen: 0.218 ug/L

RT: 5.68 min Scan# 657

Delta R.T. -0.01 min

Lab File: VR026421.D

Acq: 28 Feb 2019 16:17

Instrument :

MSVOA_R

ClientSampleId :

C0AB2DL

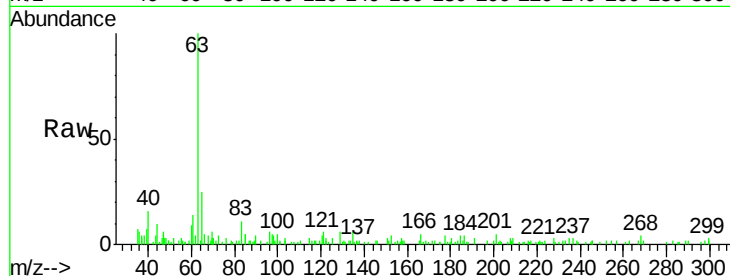
Tgt Ion: 63 Resp: 15932

Ion Ratio Lower Upper

63 100

65 24.7 23.6 43.8

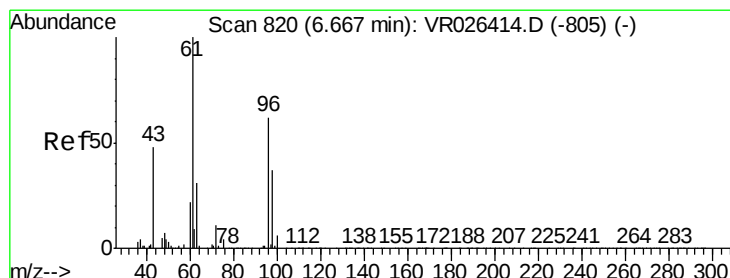
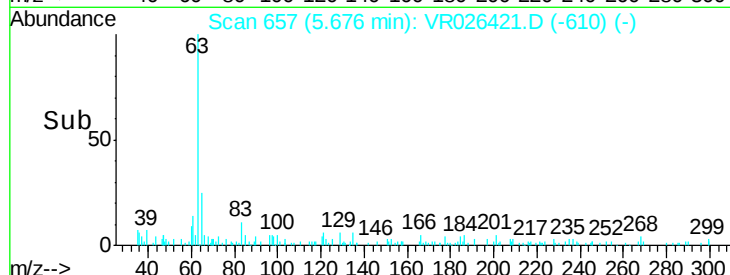
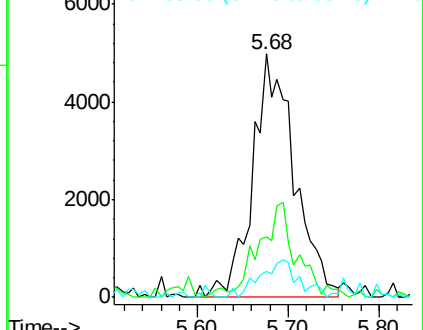
83 10.5 8.8 16.4



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 65.10 (64.80 to 65.80): VR0

Ion 83.05 (82.75 to 83.75): VR0



#22

cis-1,2-Dichloroethene

Concen: 1.605 ug/L

RT: 6.67 min Scan# 821

Delta R.T. 0.01 min

Lab File: VR026421.D

Acq: 28 Feb 2019 16:17

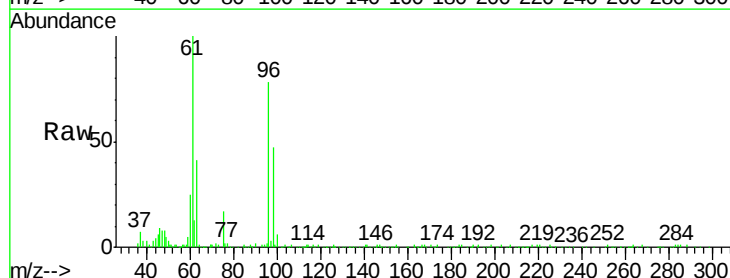
Tgt Ion: 96 Resp: 53699

Ion Ratio Lower Upper

96 100

61 128.7 100.8 187.2

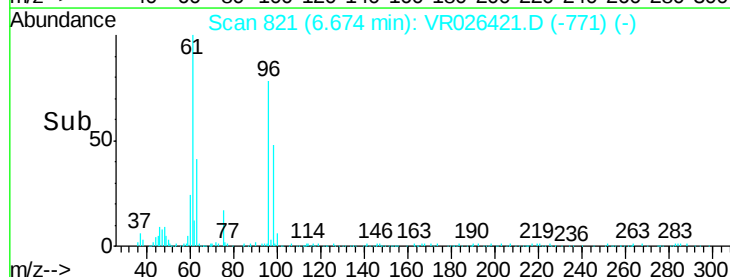
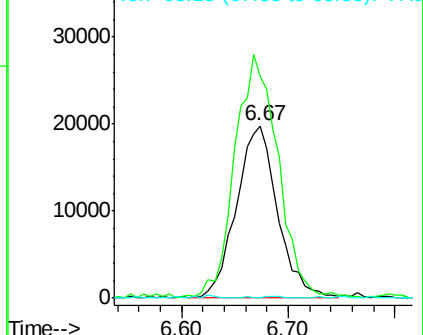
68 0.6 0.1 0.1#

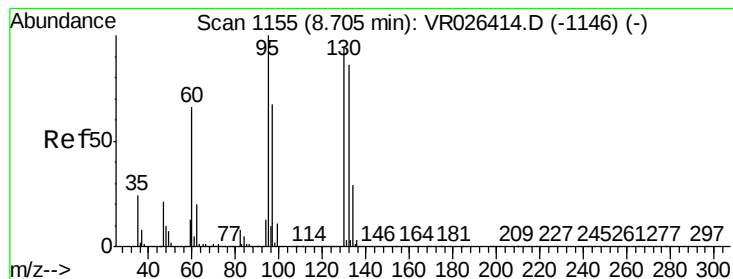


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0





#34

Trichloroethene

Concen: 8.062 ug/L

RT: 8.71 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VR026421.D

Acq: 28 Feb 2019 16:17

Instrument :

MSVOA_R

ClientSampleId :

C0AB2DL

Tgt Ion: 95 Resp: 309882

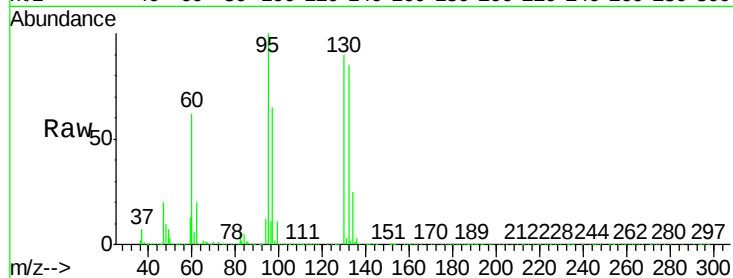
Ion Ratio Lower Upper

95 100

97 65.0 43.5 80.7

132 85.0 58.6 108.8

130 89.7 59.4 110.2

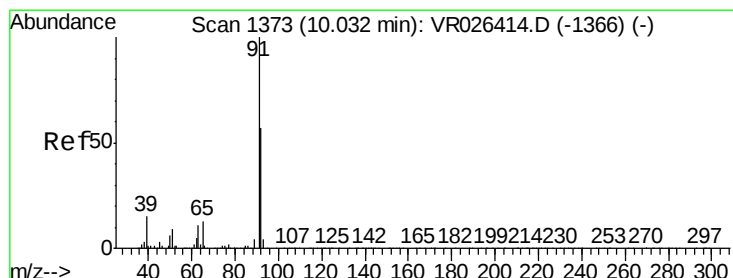
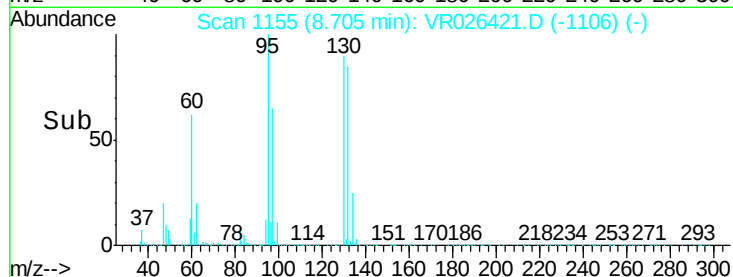
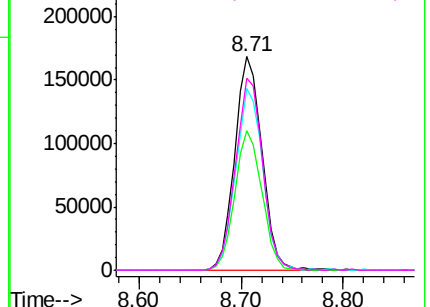


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 0.385 ug/L

RT: 10.03 min Scan# 1373

Delta R.T. 0.00 min

Lab File: VR026421.D

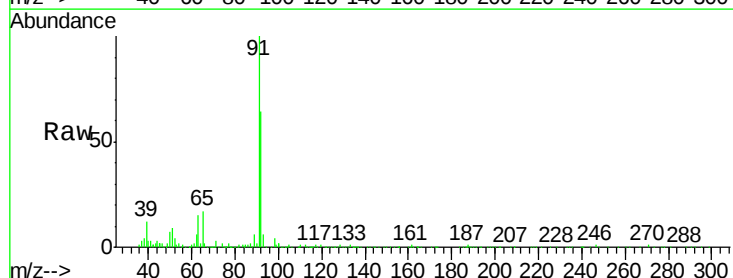
Acq: 28 Feb 2019 16:17

Tgt Ion: 91 Resp: 59059

Ion Ratio Lower Upper

91 100

92 63.7 39.6 73.6



Abundance Ion 91.15 (90.85 to 91.85): VR0

Ion 92.15 (91.85 to 92.85): VR0

